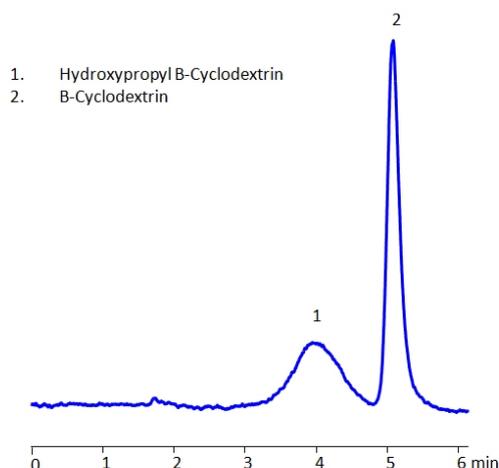


## HPLC Method For Analysis of B-Cyclodextrin and Hydroxypropyl B-Cyclodextrin on Primesep S2 Column



<b>Column:</b>	Primesep S2
<b>Column part number:</b>	S2-46.150.0510
<b>Column size:</b>	4.6 x 150 mm, 5 µm
<b>Mobile phase:</b>	MeCN/H <sub>2</sub> O – 70/30%
<b>Buffer:</b>	None
<b>Flow rate:</b>	1.0 mL/min
<b>Detection:</b>	ELSD, 40C

High Performance Liquid Chromatography (HPLC) Method for Analysis of B-Cyclodextrin and Hydroxypropyl B-Cyclodextrin.

Beta-cyclodextrin has the chemical formula C<sub>42</sub>H<sub>70</sub>O<sub>35</sub>. It is used in a large variety of industries primarily as a complexing agent. Its most notable uses are in medicine as sustained release drugs carrier and to improve stability in drugs.

Hydroxypropyl B-Cyclodextrin is a Oligosaccharide drug with the chemical formula C<sub>63</sub>H<sub>112</sub>O<sub>42</sub>. It is used as a complexing agent.

### Method Parameters

<b>Column</b>	Primesep S2, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
<b>Mobile Phase</b>	MeCN- 70%
<b>Buffer</b>	No
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	ELSD

Quelle: [https://sielc.com/hplc-method-for-analysis-of-b-cyclodextrin-and-hydroxypropyl-b-cyclodextrin-on-primesep-s2-column\\_1412](https://sielc.com/hplc-method-for-analysis-of-b-cyclodextrin-and-hydroxypropyl-b-cyclodextrin-on-primesep-s2-column_1412)